

WE CLAIM:

1. Downhole apparatus comprising a plurality of tubing sections, each tubing section having: substantially cylindrical end portions initially of a first diameter adapted for coupling to end portions of adjacent tubing sections and said end portions being expandable at least to a larger second diameter; and intermediate folded wall portions initially in a folded configuration and being unfoldable to define a substantially cylindrical form of a third diameter.
2. The apparatus of claim 1, wherein transition portions are provided between the end portions and the intermediate portions of each tubing section, and said transition portions are deformable by a combination of both unfolding and expansion.
3. The apparatus of claim 1, wherein the end portions are threaded.
4. The apparatus of claim 1, wherein the first diameter is smaller than the third diameter.
5. The apparatus of claim 1, wherein the second and third diameters are substantially the same.
6. The apparatus of claim 1, wherein the unfolded intermediate wall portion is

expandable from the third diameter to a larger fourth diameter.

7. The apparatus of claim 6, wherein the fourth diameter is substantially the same as the second diameter.

8. A method of lining a bore comprising the steps:

providing a plurality of tubing sections, each tubing section having substantially cylindrical end portions of a first diameter and an intermediate folded wall portion in a folded configuration;

coupling the tubing sections together via the end portions to form a tubing string;

running the tubing string into a bore; and

reconfiguring the tubing string by expanding the end portions at least to a larger second diameter and unfolding the intermediate folded wall portions to define a substantially cylindrical form of a third diameter.

9. The method of claim 8, further comprising reconfiguring transition portions between the end portions and the intermediate portions by a combination of both unfolding and expansion.

10. The method of claim 8, comprising threading the tubing sections together.

11. The method of claim 8, wherein the first diameter is smaller than the third diameter.

12. The method of claim 8, wherein the second and third diameters are substantially the same.

13. The method of claim 8, further comprising the step of expanding the unfolded intermediate wall portions from the third diameter to a larger fourth diameter.

14. The method of claim 13, wherein the fourth diameter is substantially the same as the second diameter.

15. The method of claim 8, wherein at least one of the unfolding and expansion steps is achieved by rolling expansion utilising a rotating body carrying one or more rolling members.

16. The method of claim 15, wherein both the unfolding and expansion steps are achieved by rolling expansion.

17. The method of claim 15, wherein the unfolding step is achieved by rotation and axial advancement of a set of rolling members arranged in a conical form.

18. The method of claim 15, wherein the expansion step is achieved by a set of rolling members arranged to be urged radially outwardly into contact with the tubing section wall.

19. The method of claim 8, wherein the unfolding step is achieved by bending of the tubing wall.

20. The method of claim 8, wherein the expansion step is achieved by radial deformation of the wall, reducing the wall thickness and thus increasing the wall diameter.